

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-228213

(43)Date of publication of application : 15.08.2000

(51)Int.Cl.

H01M 10/04
H01G 9/058
H01G 9/02
H01G 9/155
H01M 4/02
H01M 4/48
H01M 4/52
H01M 4/66
H01M 10/40

(21)Application number : 11-026834

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(22)Date of filing : 04.02.1999

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(54) ENERGY STORING ELEMENT AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an inexpensive capacitor-type energy storing element that is high in energy density as well as output density, and easy to manufacture.

SOLUTION: An element unit is composed by arranging an electrode activating material layer 12 formed of V₂O₅ and a protective layer 13 formed by impregnating an electrolyte into a non-woven fabric of an ethylene tetrafluoride resin on the surface of a core 11 formed of a titanium metal wire to form each wire-like electrode 1, by equally dividing the multiple bundled wire-like electrodes 1 respectively for a positive electrode and a negative electrode and by electrically connecting the cores 11 to a positive electrode current collecting plate 2 or a negative electrode current collecting plate 3 at their ends.

